

		A		PTO/SB/05 (08-03
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	UTILITY	Attorney Docket No.	C2C8980USC	
PATEN	T APPLICATION	First Inventor	Miles J. Russ	ell
	ANSMITTAL	Title	Component and M Boards	ethod for Manufacturing Printed Circuit
(Unly for new nonprovis	sional applications under 37 CFR 1.53(b))	Express Mail Label No.	EV 03464814	8 US
See MPEP chapter 600 co	ATION ELEMENTS noceming utility patent application contents.	ADDRESS TO:	Mail Stop Paten Commissioner P.O. Box 1450 Alexandria VA	for Patents
2. Applicant claims sr See 37 CFR 1.27. 3. Specification (preferred arrangeme) - Descriptive title of the Cross Reference to Sequence or a computer progration of the Insert Description of the Brief Description of the Detailed Description - Claim(s) - Abstract of the Disclosion of the Description of the Disclosion of the Description of	[Total Pages 14] Int set forth below) e invention Related Applications g Fed sponsored R & D ace listing, a table, im listing appendix vention e Invention e Drawings (if filed) Insure C. 113) [Total Sheets 2] [Total Sheets 2] [Total Sheets 2] [Original or copy) If application (37 CFR 1.63(d)) If it attached deleting inventor(s) or application, see 37 CFR 1.33(b). Insert. See 37 CFR 1.76	i. CD-R ii. Paper c. Statements ACCOMPANY 9. Assignment Pal 10. 37 CFR 3.73(b) (when there is a 11. English Transla 12. Information Disc Statement (IDS) 13. Preliminary Ame 14. Return Receipt I (Should be spec 15. Certified Copy o (if foreign priority) 16. Nonpublication F (b)(2)(B)(i). Appl or its equivalent. Other:	R in duplicate, am (Appendix) inino Acid Sequessary) Readable Formon Sequence Little Community of the Commun	large table or ence Submission (CRF) isting on: 2 copies); or ity of above copies CATION PARTS eet & document(s)) Power of Attorney (if applicable) Copies of IDS Citations P 503) i) nent(s) 35 U.S.C. 122 ch form PTO/SB/35
ecification following the title, Continuation	CATION, check appropriate box, and supp or in an Application Data Sheet under 37			
or application information: r CONTINUATION OF DIVISION is considered a part of the die e incorporation can only be re	Examiner NAL APPS only; The entire disclosure of the sciosure of the accompanying continuation of the disclosure of the accompanying continuation of the accompanying continu	Art Unit: prior application, from which a or divisional application and is ntly omitted from the submittee		ation is supplied under Box ated by reference. rts.
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ne (Print/Type) Patrick R.		phone	Fá	ax .
nature Par	-	Registration No. (Attorney/Age	ent) 34,500	
collection of information is requ	wick R. Scale uired by 37 CFR 1.53(b). The information is re	A-2	Date	9/18/2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the JUSPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent ADDRESS. SEND TO: Mall Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (08-03)
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Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

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Co	ompl t if Known
Application Number	
Filing Date	September 18, 2003
First Named Inventor	Miles J. Russell
Examiner Name	
Art Unit	
Attorney Docket No.	C2C8980US01

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Deposit Account Number	Check Credit card Money Other None			3. ADDITIONAL FEES					
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1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Peald 1253 930 2253 465 Extension for reply within fourth month 1254 1,450 2254 725 Extension for reply within fourth month 1255 1,970 1401 320 2401 160 Notice of Appeal 1402 320 2402 165 Fee Peald 1402 320 2402 165 Fee Peald 1403 280 2403 1406	<u> </u>		1805	1,840*	1805	1,840*			
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Large Entity Small Entity Fee	1. BASIC F		1252	410	2252	205	Extension for reply within second month		
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Total Claims	Z. EXTRA	Fee from	1501	1,300	2501	650	Utility issue fee (or reissue)		
Independent Claims Multiple Dependent Large Entity Small Entity For Dependent Large First Small Entity For Dependent Independent	Total Claims		1502	470	2502	235	Design issue fee		
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1202 18 2202 9 Claims in excess of 20 1809 750 2809 375 Filling a submission after final rejection			1809	750	2809	375	Filing a submission after final rejection		
1201 84 2201 42 Independent claims in excess of 3 (37 ČFR 1.129(a))		l· ·- ·					, , , , , , , , , , , , , , , , , , , ,		
1203 280 2203 140 Multiple dependent claim, if not paid 1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b))		l`	1810	750	2810	375			
1204 84 2204 42 ** Reissue independent claims examined (37 CFR 1.129(0)) over original patent 1801 750 2801 375 Request for Continued Examination (RCE)	1204 84		1801	750	2801	375	, , , , , , , , , , , , , , , , , , , ,		
1205 18 2205 9 ** Reissue claims in excess of 20 1802 900 1802 900 Request for expedited examination of a design application	1205 18		1802	900	1802	900			
SUBTOTAL (2) (\$) 42.00 Other fee (specify)	SUBTOTAL (2) (\$\ 42.00			Other fee (specify)					
**or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	**or numbe	· · · · · · · · · · · · · · · · · · ·	*Red	uced by	Basic F	Filing F	ee Paid SUBTOTAL (3) (\$) 0		

SUBMITTED BY					(Complete (if applicable))		
Name (Print/Type)	Patrick R. Scanlon	Registration No. (Attorney/Agent)	34,500	Telephone	207-791-1276		
Signature	Patrick R	. Scarlan		Date	9/18/2003		

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